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# Internship offers unique experience

BY DOREEN B. ZUDELL

Cleveland Institute of Art graduate Nick Hawes can attest to the value of Glenn's summer internship programs. As a medical illustration major, Hawes needed an internship where he could utilize and expand on his skill in scientific illustration. He found that opportunity at Glenn.

"The people I worked with and the opportunities to apply what I had learned in school to real-life applications were invaluable," said Hawes. "I don't believe I would have gotten half the experience somewhere else."

During the summers of 2003 and 2004, Hawes participated in the Lewis' Educational and Research Collaborative Internship Program (LERCIP) supporting the Acoustical Testing Laboratory (ATL) and the Imaging Technology Center (ITC).

"Although our computer-based, hearing conservation training products are highly acclaimed and used throughout the world, we wanted to improve our products by including medically accurate illustrations," explained ATL Manager Beth Cooper. "Nick provided the

high-quality, custom medical illustrations we needed."

As part of Hawes' senior thesis, he developed educational graphics that depict the anatomical effects of noise-induced hearing loss in the inner ear. These illustrations are currently used at NASA Johnson to provide hearing conservation-related training for flight crews and flight medicine professionals.

Hawes also expanded his skills by helping to produce multimedia projects under the direction of Glenn's ITC. "Nick's artistic ability and his openness to learning and improving skills in areas such as photo retouching and animation made him a valuable addition to our production team," said Video and Multimedia Project Supervisor Emery Adanich, RSIS/ITC, Logistics and Technical Information Division.

Although Hawes' internship ended last summer, he is currently working under contract to provide specialized medical illustrations to the ATL. He is also taking classes toward an advanced degree with the goal of entering medical school. ♦



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Photo by Marvin Smith

*Hawes is pictured standing next to his hearing-conservation-related illustrations on display at NASA Johnson.*

## Summer 2005 interns

Thanks to Glenn mentors and management, the Lewis Educational and Research Collaborative Internship Program is hosting 97 college interns (3 teachers, 19 NASA scholars, and 75 college students) and 57 high school interns (26 SHARP, 21 NASA Plus, and 10 Engineering Technology) this summer. This continues to show Glenn's commitment to students and education!